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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/764,808	01/26/2004	Alan G. Yates	GLT-001	9763

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EXAMINER

LE, THANH TAM T

ART UNIT	PAPER NUMBER
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2839

DATE MAILED: 03/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

EF

Office Action Summary	Application No. 10/764,808	Applicant(s) YATES ET AL.	
	Examiner Thanh-Tam T. Le	Art Unit 2839	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>5/19/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Objections

1. Claims 1-8 and 11 are objected to because of the following informalities:

Claim 1, lines 12 and 13, " an integrated circuit" should be changed to – the integrated circuit --;

Claim 4, line 2 and claim 11, line 2, "the rotational movement" lacks an antecedent basis;

Claim 4, line 2, "said cam ratcheting" lacks an antecedent basis.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1 and 5-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Gallagher et al. (6,086,387).

Gallagher et al., figures 1-3, disclose a device for testing integrated circuits comprising:

- a base (1);
- a socket body held in the base for contacting a plurality of terminals from an integrated circuit (6);

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- a lid (40);
- a hinge (10 and 43) joining the lid to the base;
- a locking mechanism (32) allowing locking of the lid to the base;
- a pressure plate (48) retained within the lid; and
- two cam levers (54) each mechanically linked to opposing sides of the lid for lowering the pressure plate from the lid to the socket when the integrated circuit is placed within the socket.

Regarding claim 5, a lock (55, cam spring) disposed to movably engage the cam levers, the lock preventing the cam levers from moving when the lock is engaged against the cam lever.

Regarding claim 6, the lock is a spring biased.

Regarding claim 7, figure 3, the pressure plate may including an open central area (64) through which the integrated circuit may be viewed.

Regarding claim 8, the socket body including pogo pins (2).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Gallagher et al. (6,086,387) in view of Yoshizaki (4,717,346).

Gallagher et al. disclose the instant claimed invention as described above except for a sight groove on the base.

Yoshizaki, figures 2 and 4, discloses an IC socket (20) having a body 1 with a plurality of groove. It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide Gallagher et al. to have the grooves, as taught by Yoshizaki, in order to make sure leads of an integrated circuit are all in contact with pins of a socket.

6. Claims 3 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gallagher et al. (6,086,387) in view of Mayer (3,849,834).

Gallagher et al. disclose the instant claimed invention as described above except for a pair of cam ratcheting levers having ratchet like notches.

Mayer, figure 1, discloses a lockable hinge joint having a release lever (138) including cam surfaces (184, 142, 150, 145 and 142') that read on a cam ratcheting levers having ratchet like notches. It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide Gallagher et al. to have the release lever, as taught by Mayer for better connection.

Regarding claim 4, the cam lever transforms a rotational movement of the cam ratcheting levers to a vertical movement of the pressure plate by the use of a cam means.

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7. Claims 9-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gallagher et al. (6,086,387) in view of Yoshizaki (4,717,346) and Mayer (3,849,834).

Gallagher et al. disclose the instant claimed invention as described above except for a cam ratcheting lever means and a sight groove.

A rejection is rejected as same as claims 2 and 3 above.

Regarding claims 10-15, are rejected as same as claims 3-8 above.

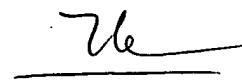
Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh-Tam T. Le whose telephone number is 571-272-2094. The examiner can normally be reached on 7:30-5:00.

9. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571-272-2098. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

10. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TL.
03/08/05


T. Le